



MAXBETON®

NON-SHRINK, QUICK SETTING THIXOTROPIC MORTAR FOR PLACING AND FIXING OF CONSTRUCTION ELEMENTS

DESCRIPTION

MAXBETON is a hydraulic, quick setting, non-shrink mortar for placing and fixing of elements in buildings and civil works. Its adequate thixotropy allows placing in vertical and horizontal surfaces.

USES

- Fixing of anchorages, pipes, sanitary fixtures, etc.
- Placing of door and window frames and pre-frames in wood or metal.
- Fixing of electrical installation mechanisms and connection boxes.
- Fixing of wooden wedges.
- Sealing around pipes and drains in water tanks, cisterns, etc.
- Sealing of small water leaks in underground jobs, basements, and elevator shafts, etc
- Placing and fixing of sewer lids, gratings or lattices in drains, etc.

ADVANTAGES

- Very fast setting and immediate placement into service of the fixed element.
- Develops high mechanical resistance both compression and flexural very quickly.
- No shrinkage.
- Waterproof, water resistant and to freeze-thaw cycles.
- Single component, only requires water for mixing.
- Does not contain chlorides or metallic aggregates. Non corrosive.

APPLICATION INSTRUCTIONS

Preparation of the surface. The surface must be structurally sound and free from dust and loose elements. The areas where the fixing will take place must be cleaned and dampened with water until saturated, avoiding any excess water. Special attention should given to this matter when dealing with very absorbent substrates or exposed to the sun.

Mixing. MAXBETON sets very quickly, so only the amount that can be placed in the next two to four minutes should be mixed. The mixing ratio is 0.2 litres of water per 1 kg. of MAXBETON. Mix manually with a trowel or spatula until obtaining a homogeneous lump free batter. Do not mix with excessive water as mechanical resistance is hampered and may cause shrinkage. If temperature is high and setting must be delayed use cold water for mixing. To accelerate setting, use warm water.

Application. Apply MAXBETON immediately with smooth trowel or spatula on the desired spot. Depending on the element to be placed, the following cases may occur:

- Complete filling of the hole where the anchorage will occur and immediate introduction of the element to be placed. In this case, and for a proper finish, remove any excess material before final hardening.

- Placing of the element to be fixed in the hole and subsequent filling and sealing of the hole. If the element is heavy, or if the anchorage is to support loads, it is advisable to keep immobilised during the first few hours until MAXBETON has achieved sufficient resistance.

Sealing of small water leaks: After the mixing of MAXBETON wait for the material to heat up and start hardening before placing.

At this moment, place MAXBETON with the hands protected by rubber gloves, pressing it in place until the setting is complete. For large leaks use MAXPLUG.

CAUTIONS

- € Do not use for structural concrete repair, foundations or machinery placement, levelling or floor repair, neither for screeds or renders on walls. Use other DRIZORO products better suited for those applications. Consult our Technical Department.
- € Do not mix MAXBETON with lime, cement or gypsum.

PACKAGING

25 Kg. bags.

SAFETY

MAXBETON is non toxic, but is abrasive in its composition. When mixing and placing do not use bare hands without the protection of rubber gloves. If it comes in contact with the eyes, rinse with abundant clean water without scrubbing. Seek medical assistance if irritation continues.

STORAGE

Twelve months in its original unopened containers, stored in a dry covered place at temperatures above 4°C.

COVERAGE

1 kg fills approximately a volume of 0.55 litres

TECHNICAL DATA

Colour	Grey	
Apparent density in powder (gr/cc.)	1.25	
Mixing water (%)	20 - 21	
Apparent density (gr/cc.)	2.10	
pH	11,5	
Pot life (minutes at +20°C)	4 - 5	
Setting time (minutes at +20°C)	7 - 10	
Time between layers (minutes at +20°C)	5 - 6	
Mechanical Resistance	Flexural (MPa)	Compression (MPa)
30 minutes	2.0	8.0
1 hour	2.2	10.5
3 hours	2.8	14.0

24 hours	3.2	17.0
3 days	3.5	22.0
7 days	4.0	28.5
28 days	5.5	35.0

(data using 20% by weight, mixing water)

GUARANTEE

The information contained in this leaflet is based on our experience and technical knowledge, obtained through laboratory testing and from bibliographic material. DRIZORO reserves the right to introduce changes without prior notice. Any use of this data beyond the purposes expressly specified in the leaflet will not be the Company's responsibility unless authorised by us. We shall not accept responsibility exceeding the value of the purchased product.



DRIZORO, S.A.

C/ Primavera 50-52 Parque Industrial Las Monjas
 28850 TORREJON DE ARDOZ – MADRID (SPAIN)
 Tel. 91 676 66 76 - 91 677 61 75 Fax. 91 675 78 13

e-mail: info@drizoro.com Web site: drizoro.com

